

Converting Colors

CIELCh(49, 11.879, 318.371)

Have a look what the booklet for
CIELCh(49, 11.879, 318.371)
contains.

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Color

CIELCh(49, 11.971, 318.711)

Conversions

Conversions Part 1

Format	Color
Hex	7E7082
RGB	126, 112, 130
RGB Percent	49%, 44%, 51%
CMY	0.5064, 0.5613, 0.4907
CMYK	0.03, 0.14, 0.00, 0.49
HSL	287°, 7%, 47%
HSV	287°, 14%, 51%
XYZ	18.3855, 17.5941, 23.5000
YIQ	118.2380, 2.5660, 8.5660

Conversions

Conversions Part 2

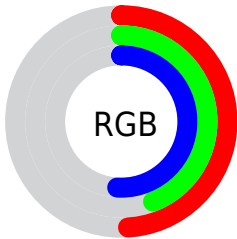
Format	Color
R_{YB}	126, 112, 130
Decimal	8286338
CIE Lab	49.00, 8.99, -7.90
CIE LCh	49, 11.971, 318.711
Yxy	17.5941, 0.3091, 0.2958
Android (android.graphics.Color)	4286476418 (0xFF7E7082)
YUV	118.2380, 5.7987, 6.8073
Hunter-Lab	41.9453, 4.8362, -3.8557

Details

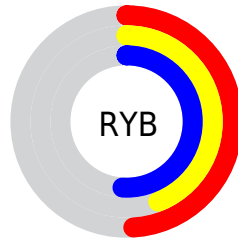
The CIELCh color $49, 11.971, 318.711$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $53, 11.878, 137.535$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 11.875, 318.929$, and $29, 12.300, 318.566$ is the 20% darker color. If you saturate the color by 10%, you get $45, 20.750, 319.142$, and if you desaturate by 10%, it is $53, 3.304, 318.257$.

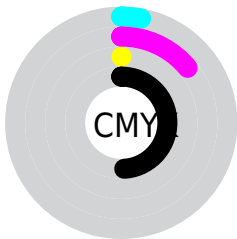
Distribution



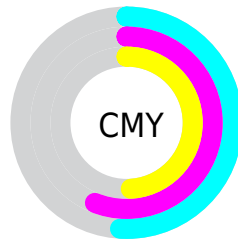
- Red (49%)
- Green (44%)
- Blue (51%)



- Red (49%)
- Yellow (44%)
- Blue (51%)



- Cyan (3%)
- Magenta (14%)
- Yellow (0%)
- Black (49%)





- Cyan (51%)
- Magenta (56%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 11.971, 318.711 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 49, 11.971, 318.711 by changing the saturation by 10% instead.


 49, 11.971,
318.711


 49, 11.971,
318.711


 100, 11.971,
318.711


 39, 11.971,
318.711

 69, 11.971,
318.711


 29, 11.971,
318.711

 79, 11.971,
318.711

 19, 11.971,
318.711

 89, 11.971,
318.711

 9, 11.971, 318.711

 99, 11.971,
318.711

 0, 11.971, 318.711

 49, 11.971,

 49, 11.971,

318.711

45, 20.750,
319.142

42, 29.548,
319.563

38, 38.213,
319.955

35, 46.525,
320.293

32, 54.188,
320.543

29, 60.838,
320.663

27, 66.090,
320.608

26, 69.669,
320.342

318.711

53, 3.304, 318.257

57, 5.187, 137.925

61, 13.470,
137.523

65, 21.528,
137.160

68, 29.357,
136.824

72, 36.958,
136.517

76, 44.339,
136.236

80, 51.509,
135.981

■ 25, 71.558,
320.154

■ 84, 58.478,
135.749

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



49, 11.971, 318.711



53, 11.878, 137.535

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



49, 11.971, 318.711



49, 11.971, 8.711



49, 11.971, 138.711



49, 11.971, 188.711

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



49, 11.969, 318.710



67, 4.236, 318.270



49, 8.229, 280.026



34, 2.998, 318.303



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



49, 11.969, 318.710



61, 18.201, 318.864



49, 10.601, 333.839



25, 4.776, 318.502



24, 70.610, 320.167



0, 0.000, 0.000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



49, 7.771, 2.823



61, 11.881, 3.209



53, 10.547, 152.058



25, 3.078, 2.320



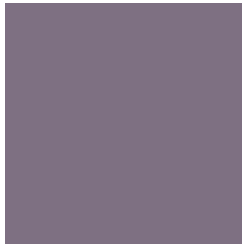
26, 54.003, 25.795



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 49, 11.971, 318.711 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 49, 11.971, 318.711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 49, 11.971, 318.711

Background



This preview shows how black text looks on a background with the CIELCh color 49, 11.971, 318.711.



This preview shows how white text looks on a background with the CIELCh color 49, 11.971, 318.711.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


49, 11.971, 318.711

Protanopia

49, 9.413, 286.779

Deuteranopia

49, 10.644, 310.636



Tritanopia
49, 7.183, 332.905

Trichromacy



Original Color
49, 11.971, 318.711

Protanomaly
49, 9.495, 298.384

Deuteranomaly
49, 10.780, 312.615

Tritanomaly
49, 8.552, 324.924

Monochromacy



Original Color
49, 11.971, 318.711

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 4.070, 319.974

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 11.971, 318.711 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(126, 112, 130)` looks like.

```
.text, #text, p{  
    color:rgb(126, 112, 130)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(126, 112, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 112, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 11.971, 318.711 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(126, 112, 130) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(126, 112, 130) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(126, 112, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 112, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 112, 130);  
box-shadow:4px 4px 4px 4px rgb(126, 112,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 11.971, 318.711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 112, 130) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(126,  
112, 130) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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